

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,458,221 B1  
APPLICATION NO. : 10/693850  
DATED : December 2, 2008  
INVENTOR(S) : Arnold et al.

Page 1 of 1

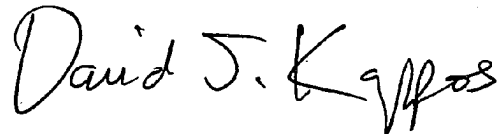
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, after Item “(54) VARIABLE AREA NOZZLE” delete  
“INCLUDING A PLURALITY OF CONVEXLY VANES WITH A CROWNED  
CONTOUR, IN A VANE TO VANE SEALING ARRANGEMENT AND WITH  
NONUNIFORM LENGTHS”.

Col. 1, lines 1-5, after “NOZZLE” delete “INCLUDING A PLURALITY OF  
CONVEXLY VANES WITH A CROWNED CONTOUR, IN A VANE TO VANE  
SEALING ARRANGEMENT AND WITH NONUNIFORM LENGTHS”.

Signed and Sealed this

First Day of December, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*